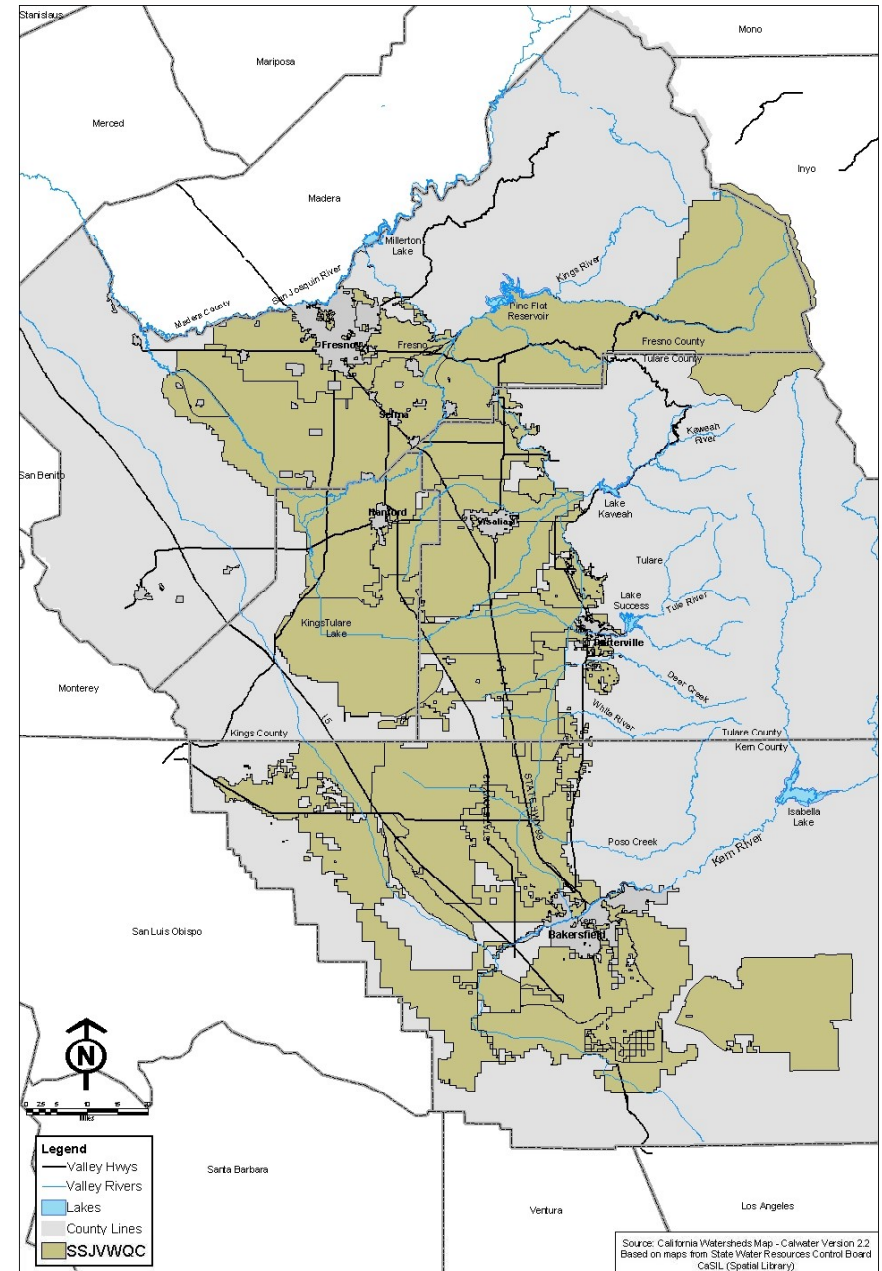


Public Advisory Committee
Irrigated Lands Conditional Waiver
November 22, 2004

Southern San Joaquin Valley Water
Quality Coalition
David Orth, Coordinator

- Kings River Conservation District
- Kings River Water Association
- Friant Water Users Authority
- Kaweah-Delta Water Conservation District
- Kaweah and St. Johns Rivers Association
- Tule River Association
- Kern County Water Association
- Kern Delta Water District
- North Kern Water Storage District
- Buena Vista Water Storage District
- Navalencia Resource Conservation District

Southern San Joaquin Valley Water Quality Coalition



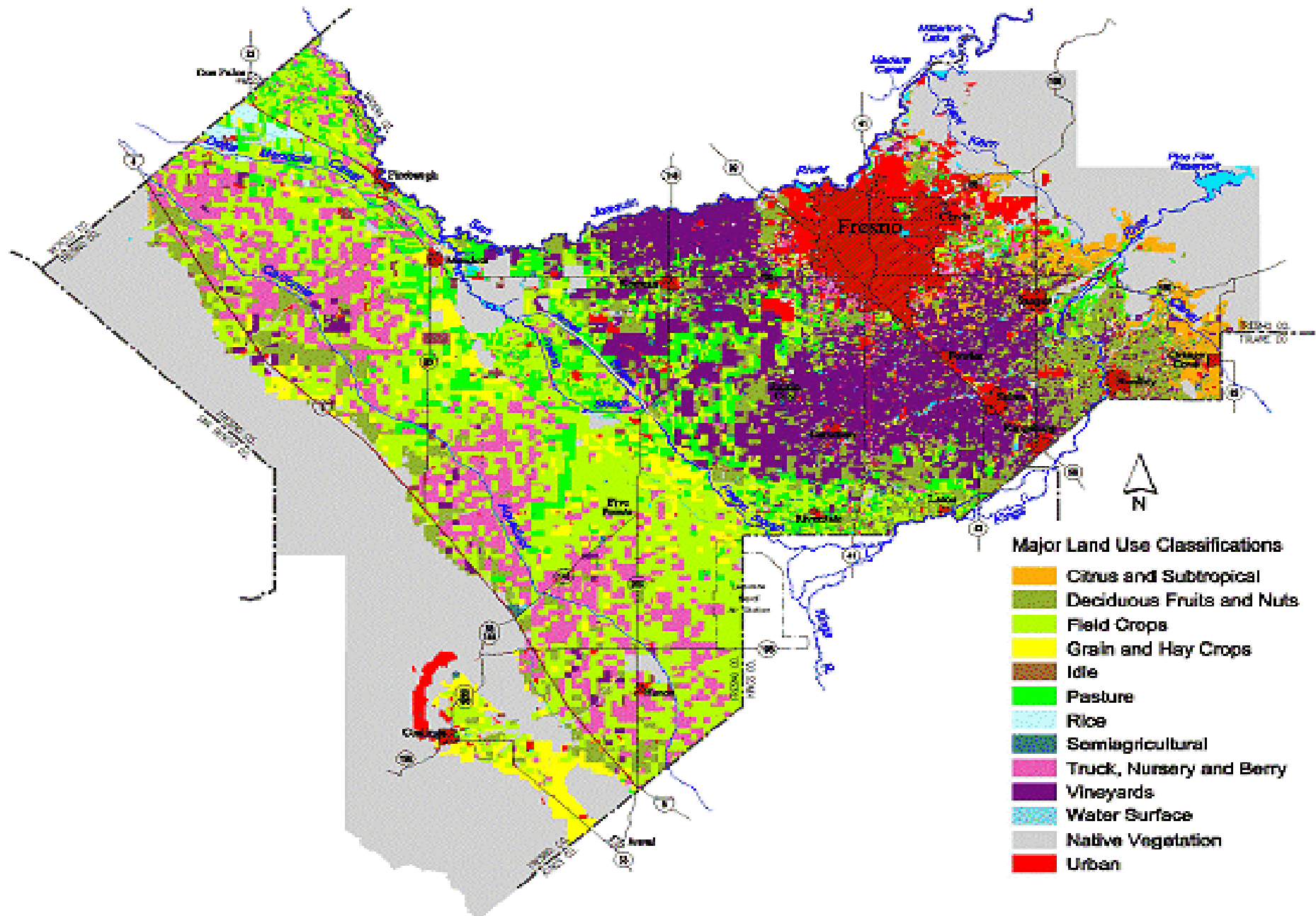
Tulare Lake Basin Hydrology

- Average annual rain fall on valley floor 6 to 11 inches
- Average annual Sierra runoff 2.9 million acre feet
- Sierra runoff stored for flood control and irrigation
- Total Storage for all watersheds 1.8 million acre feet

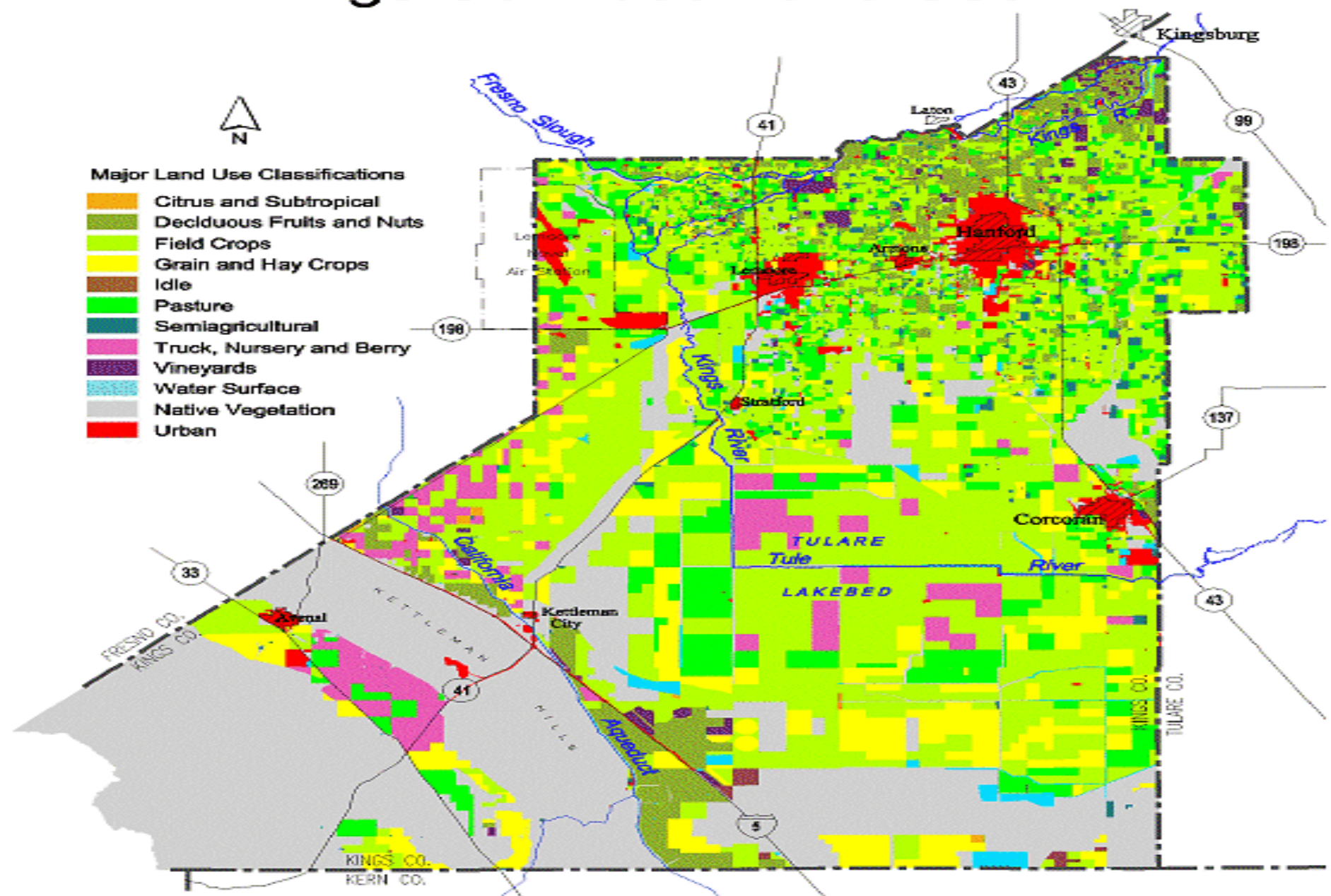
Tulare Lake Basin Land Use

- Agriculture
 - Tree
 - Vines
 - Field/Row Crops
- Urban
- Native

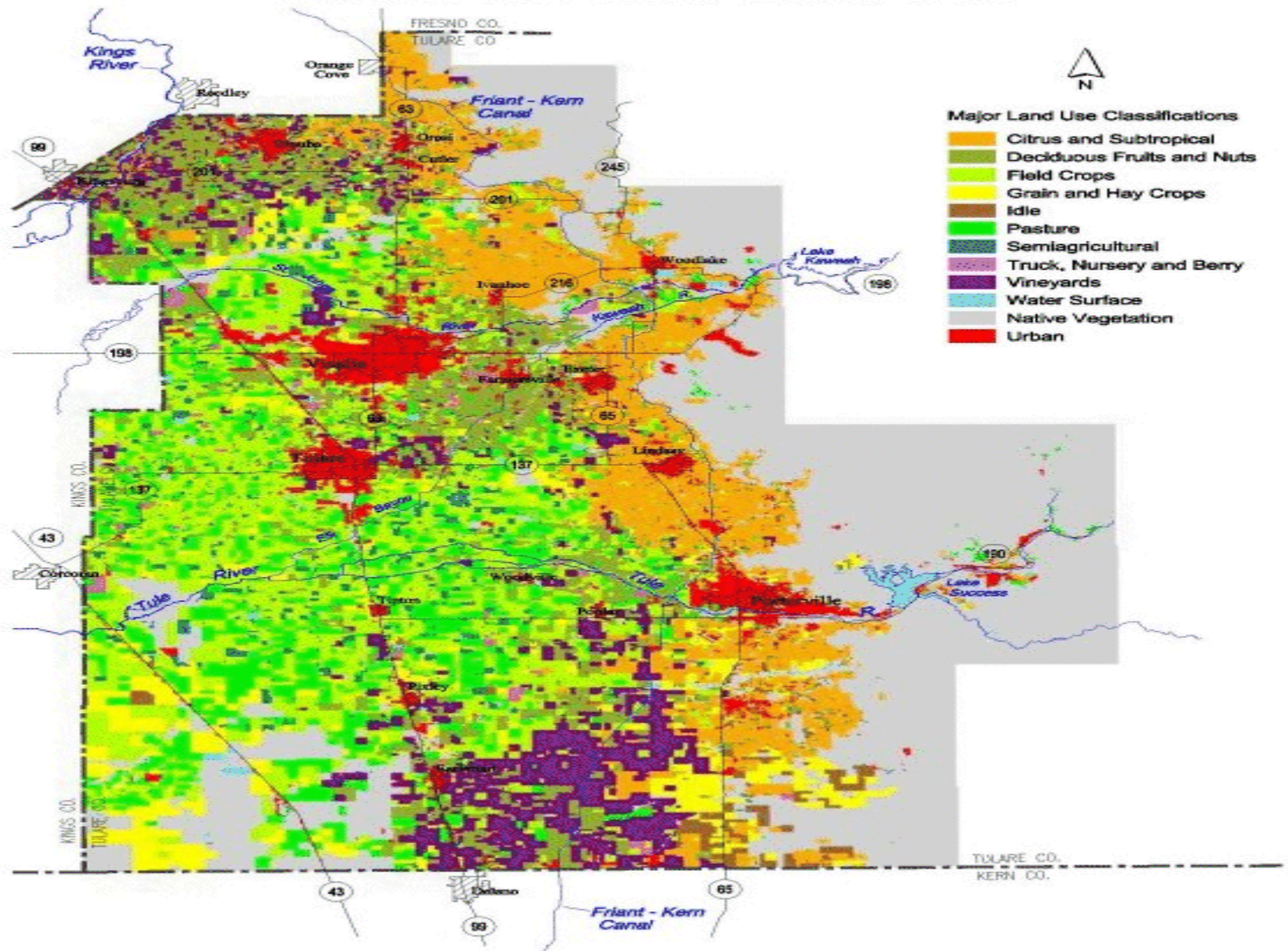
Fresno Co. 2000 Land Use



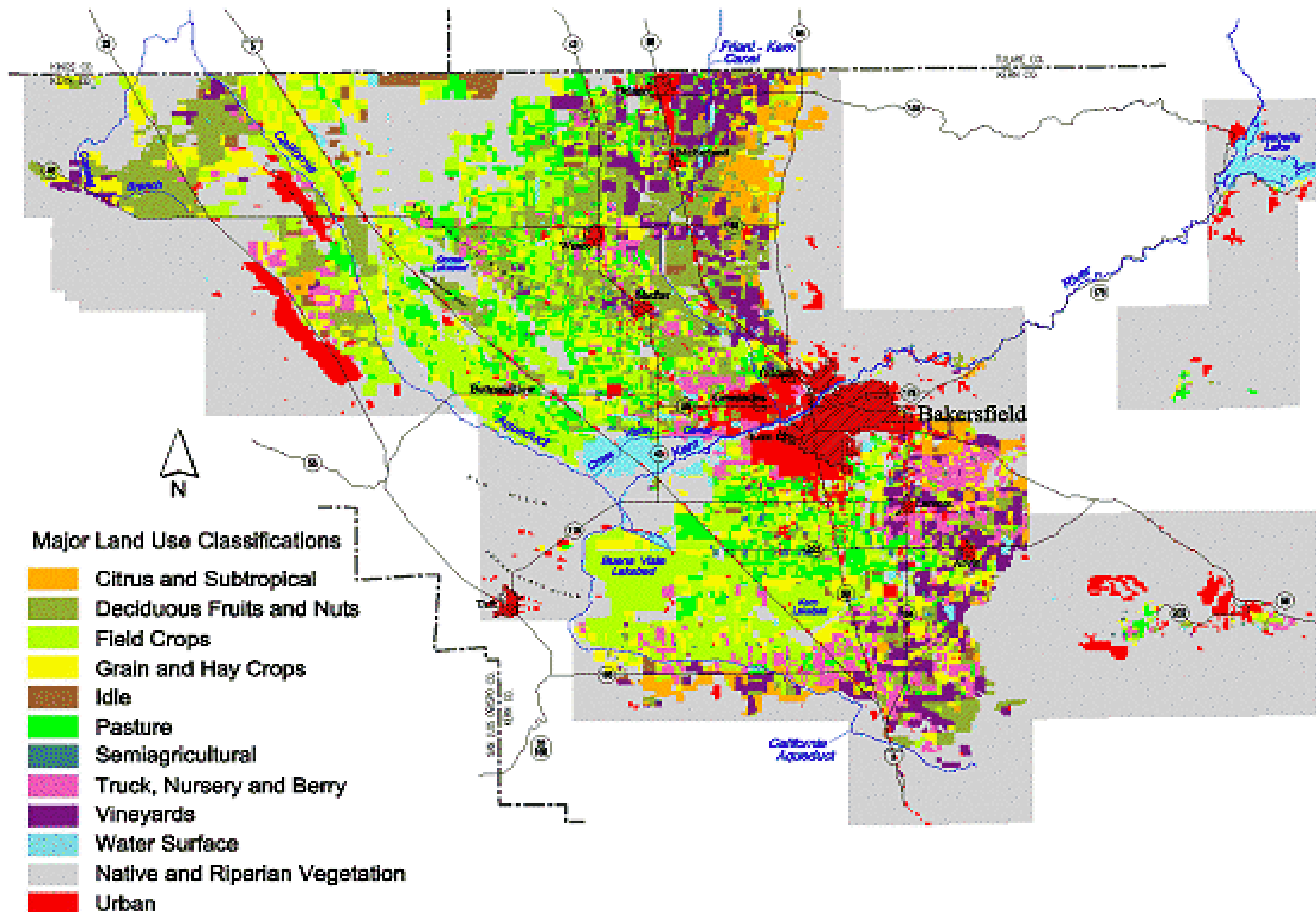
Kings Co. 2003 Land Use



Tulare Co. 1999 Land Use



Kern Co. 1998 Land Use



Phase 1 Monitoring Parameters

- Flow, pH, electrical conductivity, dissolved oxygen, temperature, color, turbidity, total dissolved solids, total organic carbon
- Toxicity testing: water column and sediment
- 303(d) constituents: Molybdenum and toxaphene

Monitoring Schedule

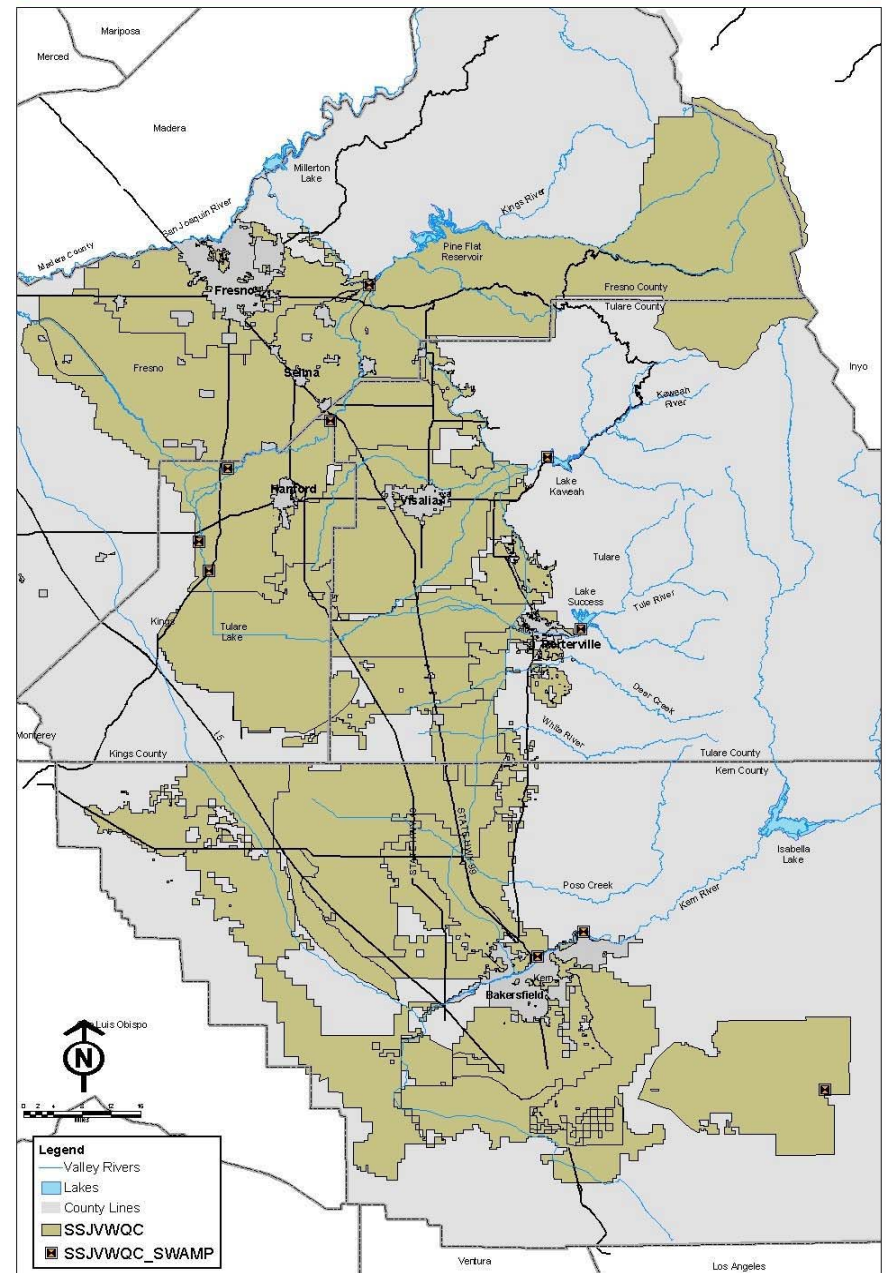
- Kings
 - Water Column
 - July 6, 2004
 - August 9, 2004
 - Sediment
 - October 14, 2004
- Kaweah
 - Water Column
 - July 22, 2004
 - Sediment
 - October 30, 2004
- Tule
 - Water Column
 - August 10, 2004
 - Sediment
 - August 10, 2004
- Kern
 - Water Column
 - August 16, 2004
 - Sediment
 - August 16, 2004

Water Bodies Monitored

- Kings River
- Button Ditch
- West Reedley Ditch
- Lake Kaweah
- Tulare River
- Kaweah River
- Lake Success
- Tule River
- Deer Creek
- White Creek
- Kern River
- Poso Creek
- Calloway Canal

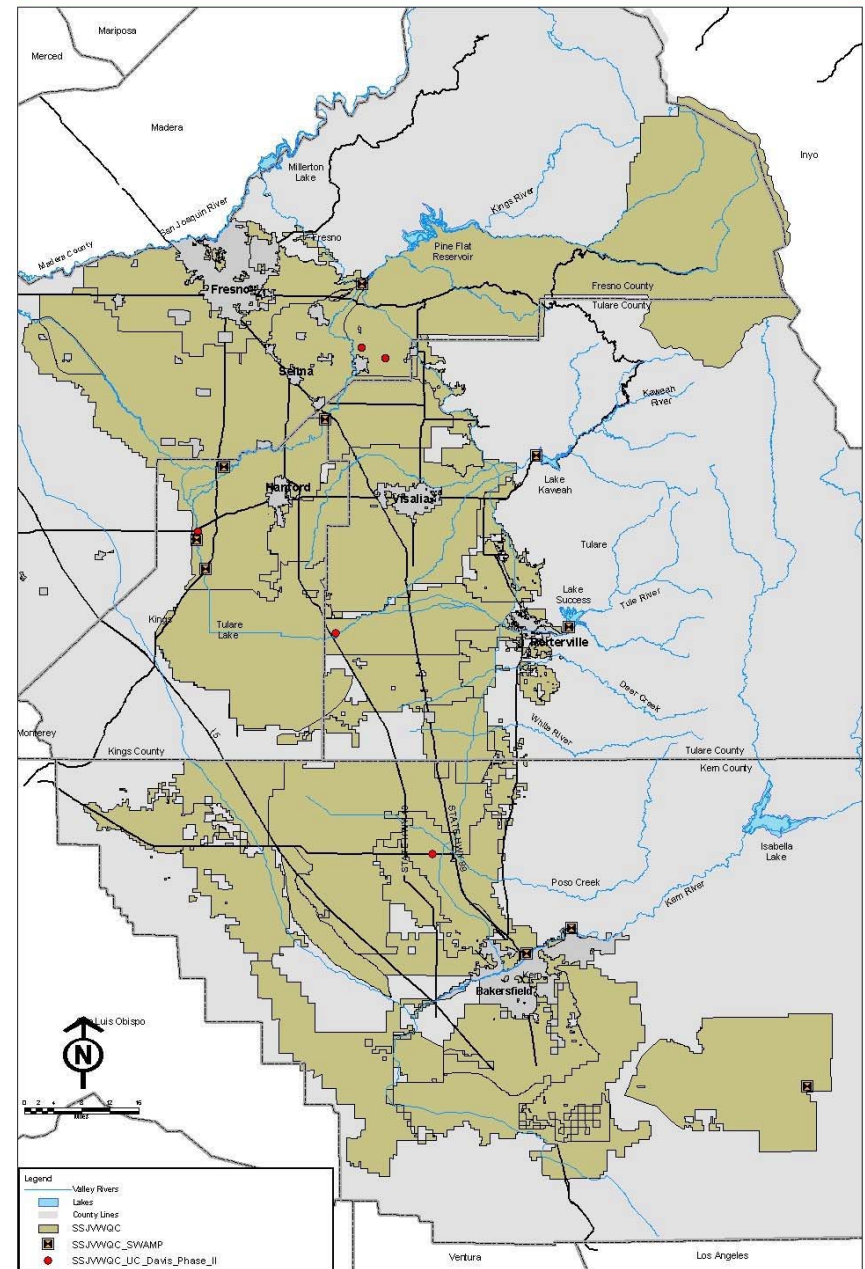
- SWAMP

Southern San Joaquin Valley Water Quality Coalition



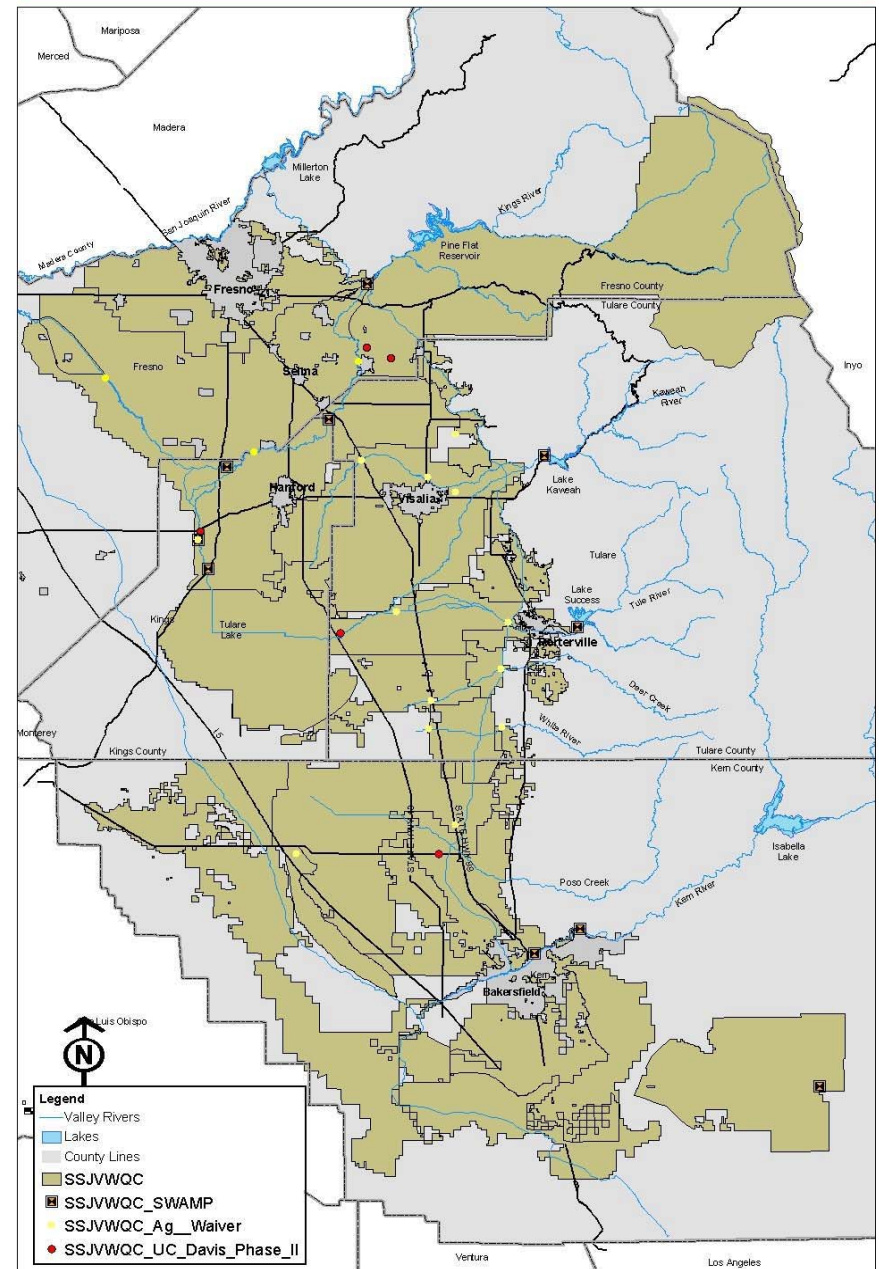
- SWAMP
- UC Davis Phase II

Southern San Joaquin Valley Water Quality Coalition



- SWAMP
- UC Davis Phase II
- Ag Waiver Sites

Southern San Joaquin Valley Water Quality Coalition



Next Steps

- Storm water sampling
- Prop 40 grant application
- Continued membership outreach
- Continued watershed coordination
- 2005 irrigation season monitoring